

# Arizona's PARCC Technology Readiness Tool District Admin Training



TechReadinessTool



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**Arizona Department of Education**

# Presenters

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State Technology Readiness Coordinator
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Associate Supt for Assessment and Accountability
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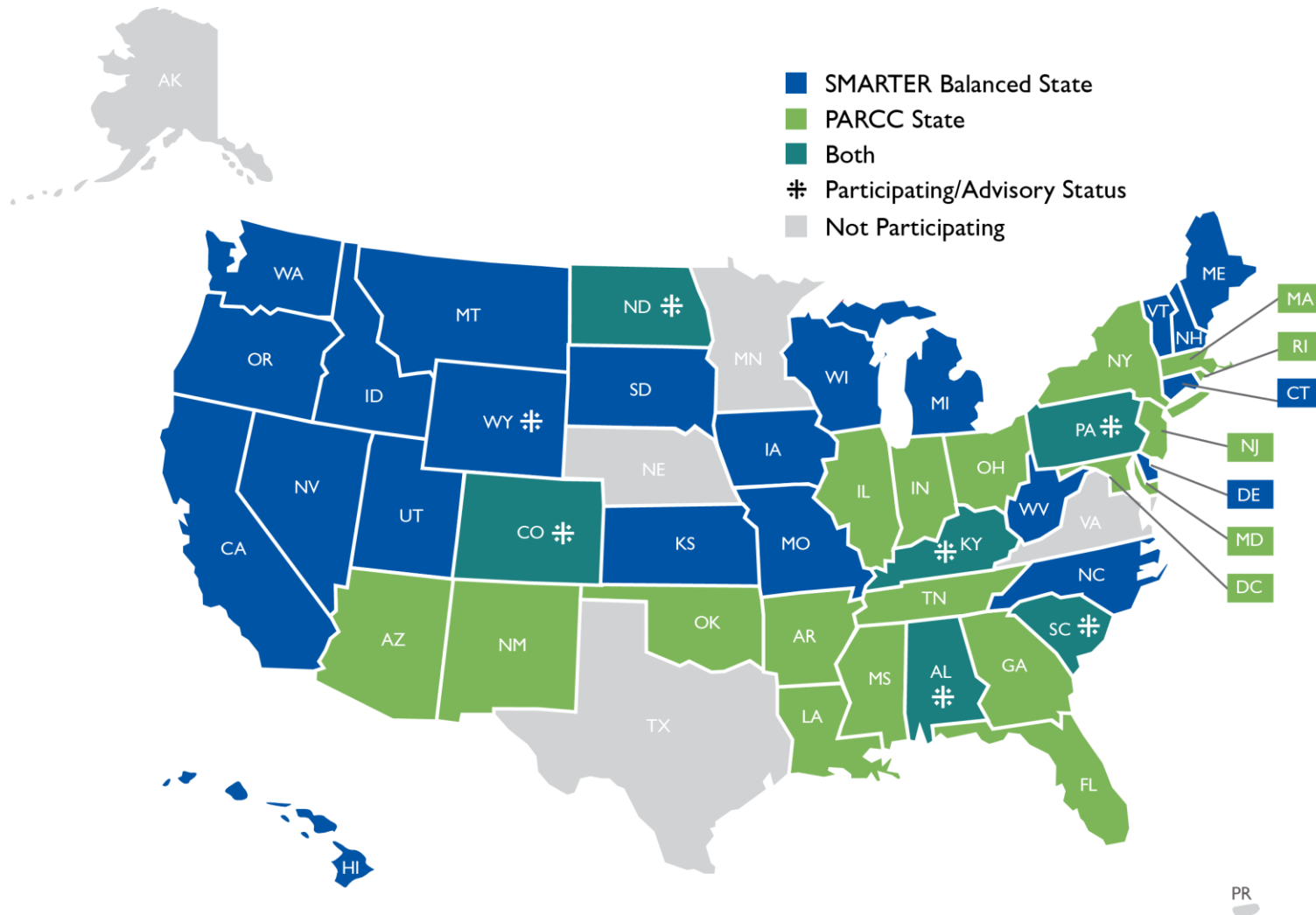
# Agenda

- Background and Overview of TRT
- Roles & Responsibilities
- Review of Technology Readiness Tool and Tasks and Functionality
- Community and Resources available on [www.assess4ed.net](http://www.assess4ed.net)
- Resource and Contact Information

# **WARM UP QUESTIONS**

Answer polls on the screen.

# Consortia Assessments: Online Delivery by 2014-15



# Technology Readiness Tool Purpose

## #1 Purpose

**Provide multiple snapshots of local, state and national readiness to take online assessments and implement College and Career Readiness Standards.**

- Used by Smarter Balanced & PARCC, with SETDA as partner
- Pearson awarded contract.
- **Six** data collection between 2012 and 2014 –**1<sup>st</sup>** by **6/14**
- Determine ***technology readiness*** for online assessments, and provide ***gap analysis***
- Data to support local/state/national **planning**



# Be Patient with the Process



# Measuring Local Readiness – Function of TRT

Readiness for online assessments has different dimensions:

## 1. Computers & other devices

- Minimum system requirements

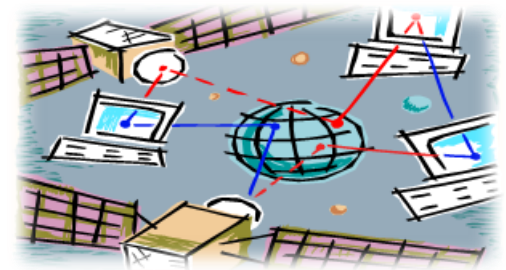


## 2. Ratio of devices to test-takers

- Including testing window & session scheduling

## 3. Network and infrastructure

- Bandwidth, network utilization, size of content



## 4. Personnel (Questions re: staffing & training)



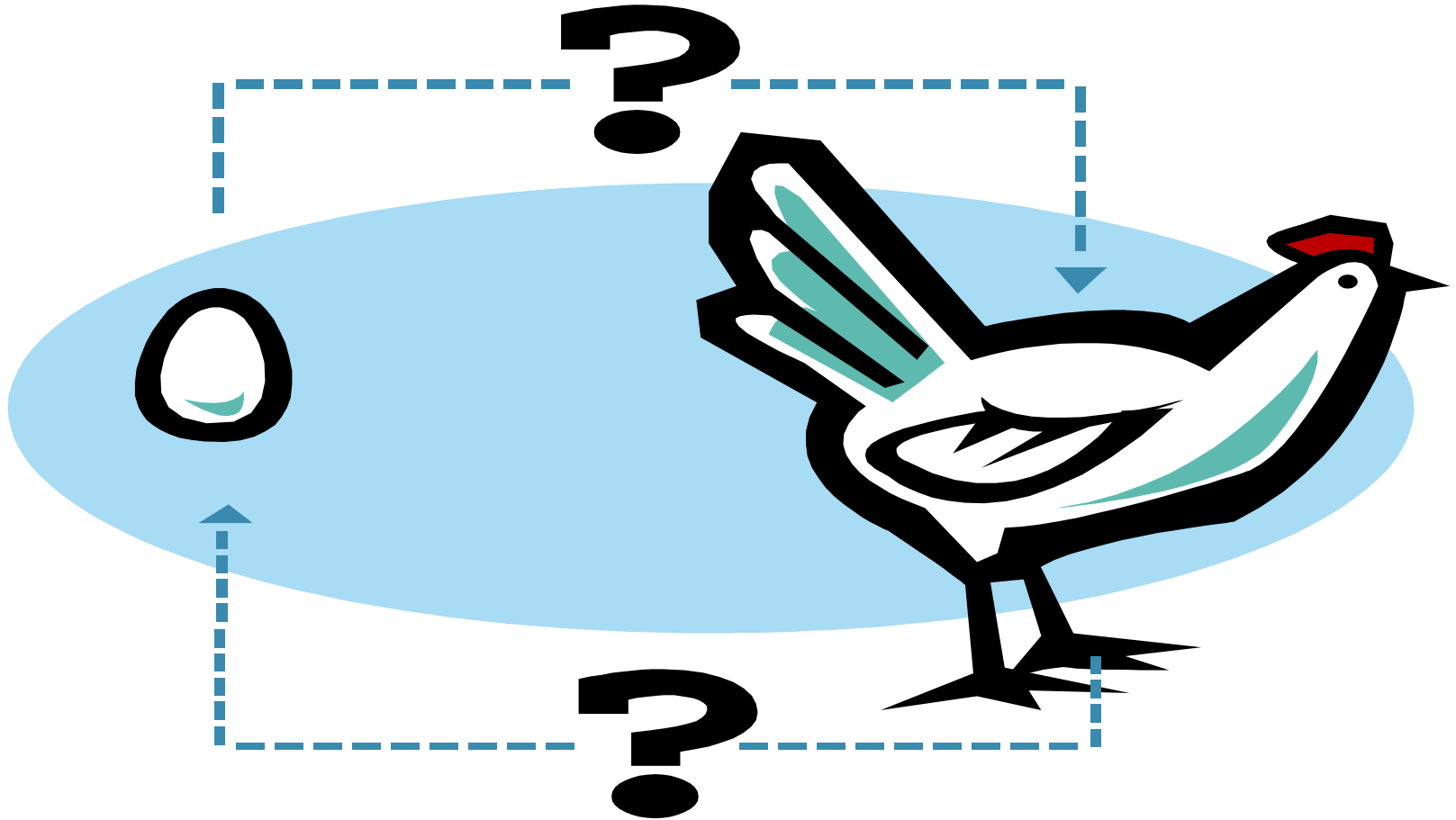
## #1 Collection Window

**April 16<sup>th</sup> – June 14<sup>th</sup>**

Snapshot will be taken on June 15, 2012.



# Chicken or the Egg



**Draft vs. Final Specifications Technology**

# Minimum Requirements

## The Truth as We Know it Today\*\*

***If purchasing new technology today . . . . .***

- 1.0 GHz processor speed
- 1 GB RAM
- 1 GB available memory/storage
- 1024 x 768 resolution
- 10" min display size
- Input devices must include the ability to enter text and to interact and manipulate virtual objects.
- Audio and video support will be required.



**\*\*May change as actual items are created.**

# State Technology Readiness Coordinator(s)

## Role and Responsibilities

- Serve as primary POC for working with Pearson and the consortia
- Entering and maintaining organizational data for **LEAs**
- Entering and maintaining user accounts for **Point of Contacts** for LEAs
- Will be responsible for communicating with and training district
- User file was uploaded 4/16. This triggers an email to obtain your user name and password for TRT.

# District Admin (LEA Point of Contact)

See page 8 in Training Guide

- Add schools to LEA org chart (Use Entity ID)
  - Add other **users** manually or use batch upload **OR** choose to do it all data at district level
- Enter data or batch upload data **for each school OR** have schools do it. Your choice!
  - Device, test-taker, infrastructure, and personnel data
- Indicate the data are submitted and eligible for review and verification (Yes or No on School Survey)

# System Requirements for the Technology Readiness Tool (Page 9)

## Windows Operating System Browsers:

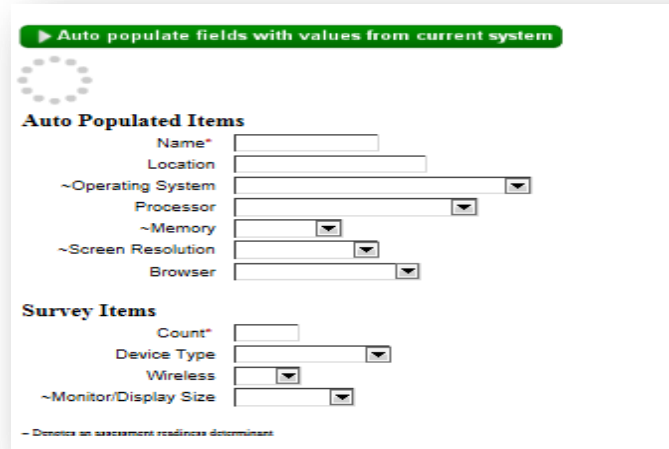
- Internet Explorer 8.0 or greater
- Firefox 9.0 or greater

## Macintosh Operating Systems Browsers:

- Safari 4.0 or greater
- Firefox 3.0 or greater

## Device Auto Detection

Java 1.5 or greater is required for in-depth auto detection of a device.



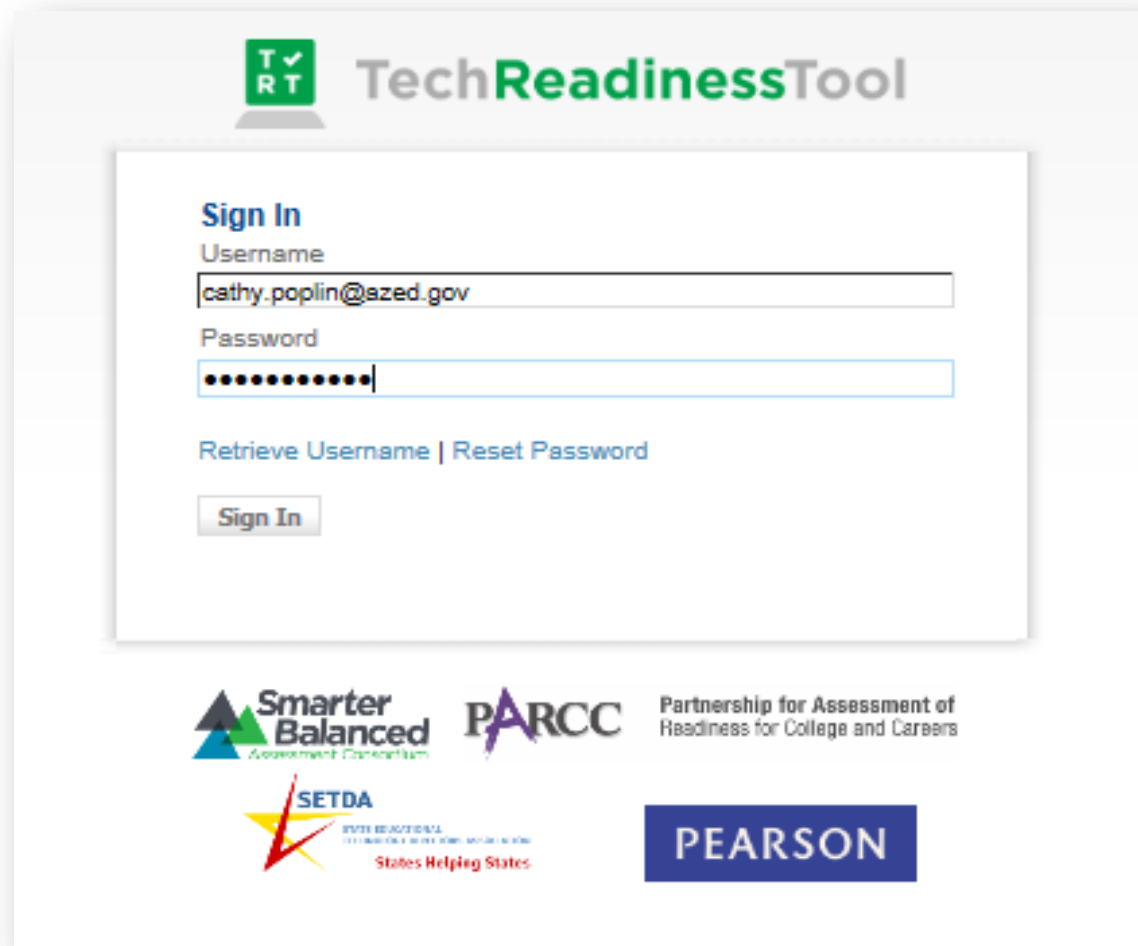
The screenshot displays a web interface for the Technology Readiness Tool. At the top, a green button reads "Auto populate fields with values from current system". Below this is a loading spinner. The "Auto Populated Items" section contains fields for Name\*, Location, ~Operating System (dropdown), Processor (dropdown), ~Memory (dropdown), ~Screen Resolution (dropdown), and Browser (dropdown). The "Survey Items" section contains fields for Count\*, Device Type (dropdown), Wireless (dropdown), and ~Monitor/Display Size (dropdown). A small note at the bottom states: "~ Denotes an assessment readiness determinant".

# Questions

Type questions in the Questions Box

# DEMO (Begins on page 10 )

## [www.techreadiness.net](http://www.techreadiness.net)



The image shows a screenshot of the TechReadinessTool login page. At the top, there is a logo with the letters 'T', 'R', and 'T' in a green square, followed by the text 'TechReadinessTool'. Below this is a 'Sign In' section. It contains a 'Username' label and a text input field with the email 'cathy.poplin@azed.gov'. Below the username field is a 'Password' label and a password input field filled with black dots. Under the password field are two links: 'Retrieve Username' and 'Reset Password'. At the bottom of the sign-in section is a 'Sign In' button. Below the sign-in section are four logos: 'Smarter Balanced Assessment Consortium', 'PARCC Partnership for Assessment of Readiness for College and Careers', 'SETDA STATE EDUCATIONAL TECHNOLOGY DEVELOPMENT CENTER States Helping States', and 'PEARSON'.

**TechReadinessTool**

**Sign In**

Username

Password

[Retrieve Username](#) | [Reset Password](#)

**Smarter Balanced**  
Assessment Consortium

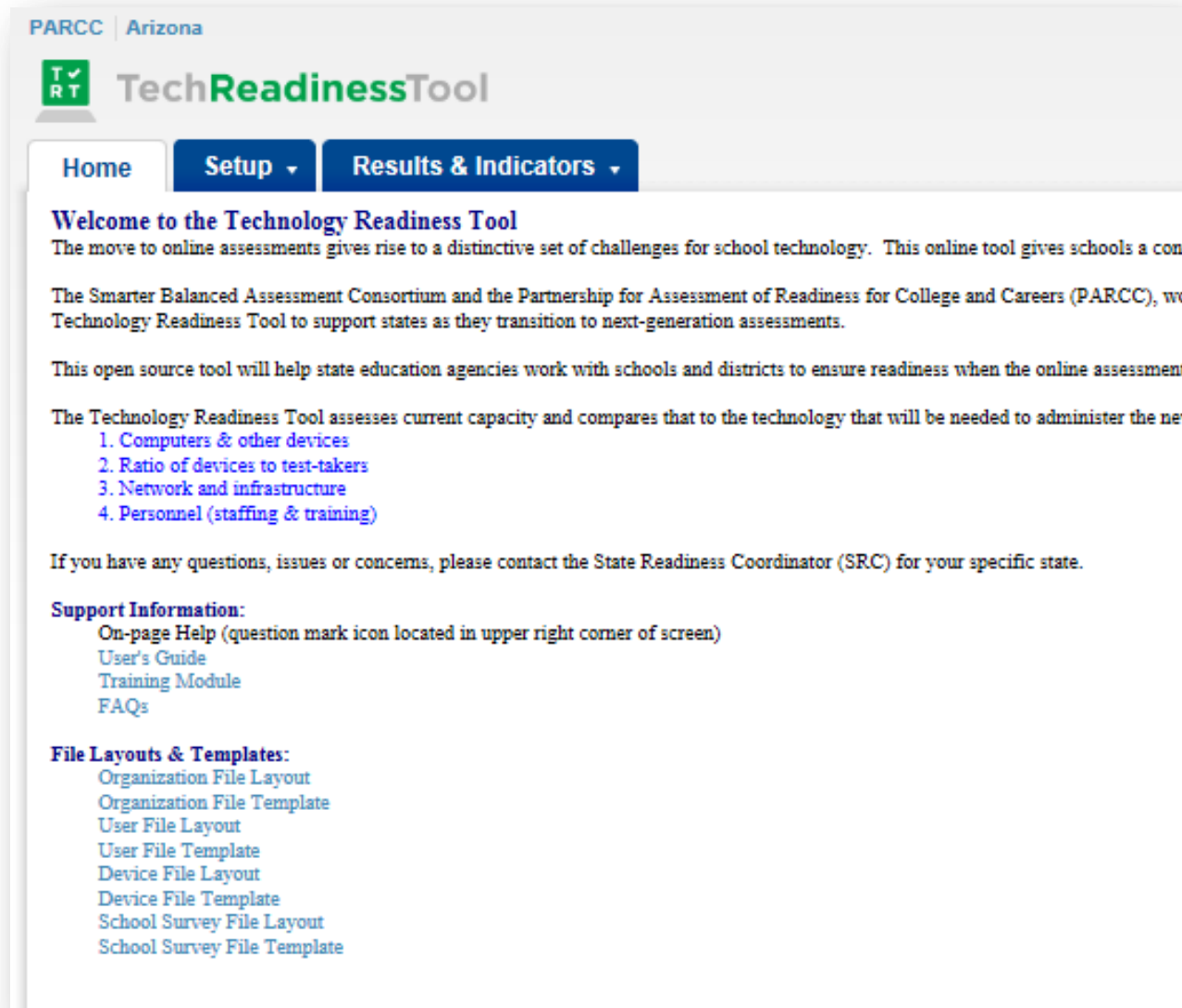
**PARCC**  
Partnership for Assessment of  
Readiness for College and Careers

**SETDA**  
STATE EDUCATIONAL  
TECHNOLOGY DEVELOPMENT CENTER  
States Helping States

**PEARSON**



# Home – Training and Templates



The screenshot shows the 'Home' page of the 'TechReadinessTool' for PARCC Arizona. The page has a header with 'PARCC | Arizona' and a logo for 'TechReadinessTool'. Below the header is a navigation bar with 'Home', 'Setup', and 'Results & Indicators'. The main content area includes a welcome message, a description of the tool's purpose, a list of factors assessed (Computers & other devices, Ratio of devices to test-takers, Network and infrastructure, Personnel (staffing & training)), contact information for the State Readiness Coordinator, and links for support information and file layouts/templates.

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**TechReadinessTool**

Home Setup Results & Indicators

### Welcome to the Technology Readiness Tool

The move to online assessments gives rise to a distinctive set of challenges for school technology. This online tool gives schools a comprehensive assessment of their current technology readiness and provides a framework for planning and implementing the necessary technology infrastructure to support the transition to next-generation assessments.

The Smarter Balanced Assessment Consortium and the Partnership for Assessment of Readiness for College and Careers (PARCC), working in partnership with the National Center for Education Statistics, have developed the Technology Readiness Tool to support states as they transition to next-generation assessments.

This open source tool will help state education agencies work with schools and districts to ensure readiness when the online assessment is implemented.

The Technology Readiness Tool assesses current capacity and compares that to the technology that will be needed to administer the new assessments. The tool assesses the following factors:

1. Computers & other devices
2. Ratio of devices to test-takers
3. Network and infrastructure
4. Personnel (staffing & training)

If you have any questions, issues or concerns, please contact the State Readiness Coordinator (SRC) for your specific state.

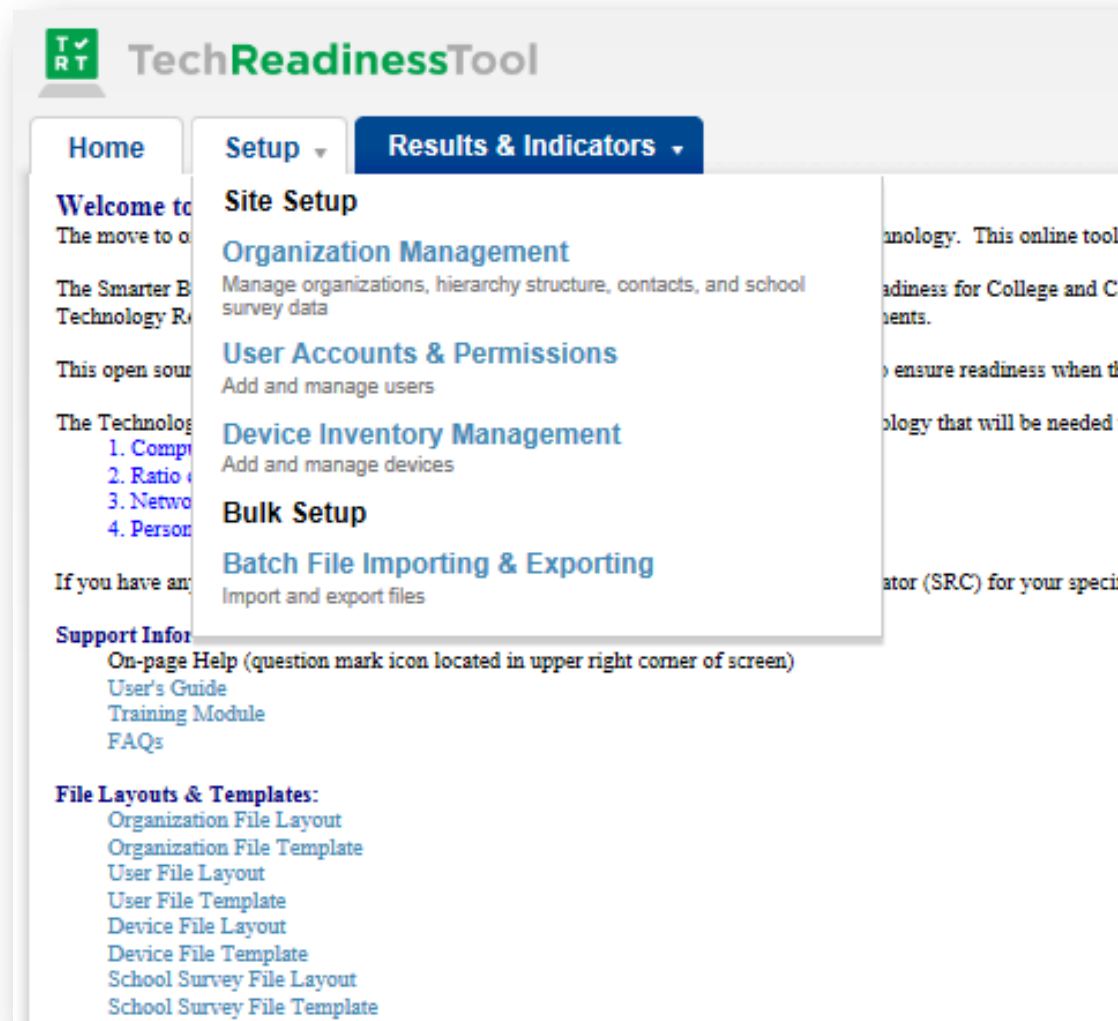
**Support Information:**

- On-page Help (question mark icon located in upper right corner of screen)
- User's Guide
- Training Module
- FAQs

**File Layouts & Templates:**

- Organization File Layout
- Organization File Template
- User File Layout
- User File Template
- Device File Layout
- Device File Template
- School Survey File Layout
- School Survey File Template

# Add Data under Set-Up



# Results and Indicators

The screenshot displays the PARCC Arizona TechReadinessTool interface. At the top, the header includes 'PARCC | Arizona' and the 'TechReadinessTool' logo. Below the header, there are three main navigation tabs: 'Home', 'Setup', and 'Results & Indicators'. The 'Results & Indicators' tab is currently selected, and its dropdown menu is open, showing several options: 'Device Indicators', 'Device to Test-Taker Indicators', 'Network Indicators', 'Staff & Personnel Report', and 'Submission Status'. Each option has a brief description of the data it provides. On the left side of the interface, under the 'Home' tab, there is a 'Welcome to the Technology Readiness Tool' section, followed by a list of four key areas: 'Computers & other devices', 'Ratio of devices to test-takers', 'Network and infrastructure', and 'Personnel (staffing & training)'. Below this, there is a 'Support Information' section with links to 'On-page Help', 'User's Guide', 'Training Module', and 'FAQs'. At the bottom of the left sidebar, there is a 'File Layouts & Templates' section with links to various file layouts and templates, including 'Organization File Layout', 'User File Layout', 'Device File Layout', 'School Survey File Layout', and their respective templates.

PARCC | Arizona

**TechReadinessTool**

Home Setup **Results & Indicators**

**Welcome to the Technology Readiness Tool**  
The move to online assessments  
The Smarter Balanced Assessment Consortium's Technology Readiness Tool to support the move to online assessments  
This open source tool will help schools prepare for the move to online assessments  
The Technology Readiness Tool provides information on the following areas:  
1. Computers & other devices  
2. Ratio of devices to test-takers  
3. Network and infrastructure  
4. Personnel (staffing & training)  
If you have any questions, issues or suggestions, please contact your district administrator.

**Support Information:**  
On-page Help (question mark icon located in upper right corner of screen)  
User's Guide  
Training Module  
FAQs

**File Layouts & Templates:**  
Organization File Layout  
Organization File Template  
User File Layout  
User File Template  
Device File Layout  
Device File Template  
School Survey File Layout  
School Survey File Template

**Device Indicators**  
Results show the percentage of devices that meet requirements

**Device to Test-Taker Indicators**  
Results show the percentage of students who can be tested with available devices in the available time

**Network Indicators**  
Results show the percentage of bandwidth currently available to test the maximum number of simultaneous test-takers

**Staff & Personnel Report**  
Results show concerns about staff and personnel readiness

**Submission Status**  
Results show schools that have completed input of data

# Questions

Type questions in the Questions Box

# Review of Technology Readiness Tool Tasks and Functionality and FAQs

## Batch File Importing and Exporting

- Use Templates that are provided
- LEA decides to do upload data or allow schools to do own



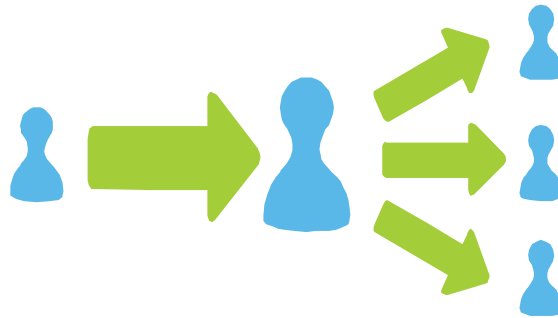
## Questions

- **What code should be used for organizations?**
  - AZ-AZ-Entity ID (Parent code)
  - AZ-Entity ID (School code)
- **Can user accounts be deleted?**
  - No, but they can be disabled.

# Review of Technology Readiness Tool Tasks and Functionality and FAQs

## Will the contacts in the organizational file be set up with a user account?

- User accounts are created only by uploading a User File or by entering users individually using the User Accounts and Permissions screens. Emails will be sent.



## Entering device, test-taker, infrastructure, and personnel data

- Can be entered at the state, district, or school level
- Can be entered via auto-populate and survey or import
- Partial data can be added

# Review of Technology Readiness Tool Tasks and Functionality and FAQs

## Viewing results

- Results for each dimension at the Consortia, State, District, and School levels
- Submission Status report available at Consortia, State, and District levels to assist in follow-up and to allow district and state review and verification



# Review of Technology Readiness Tool Tasks and Functionality and FAQs

## Documentation

- FAQs, User's Guide, and Training are posted and may be accessed through the links on the Technology Readiness Tool Home page.
- FAQs and User's Guide will be updated frequently. Please access the document posted on the site each time you need to reference either of these documents.

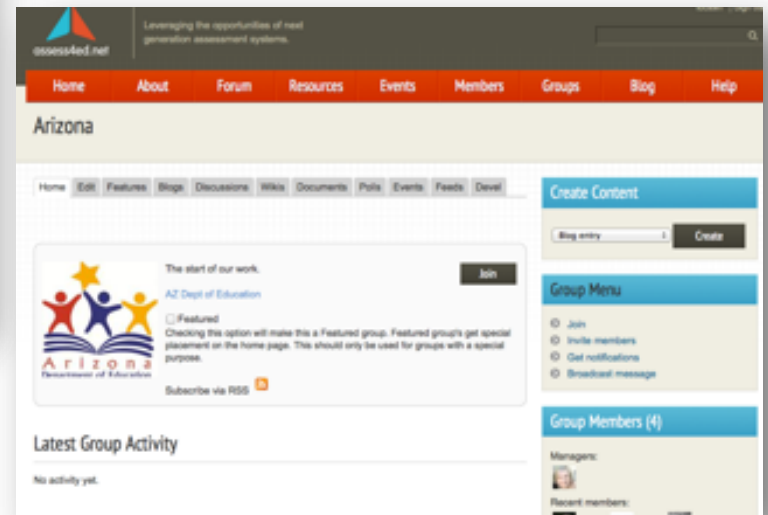
## Questions

- If you have reviewed the documentation, do you have feedback?



# For ongoing Support: [www.assess4ed.net](http://www.assess4ed.net)

- Sign up for the private group on [www.assess4ed.net](http://www.assess4ed.net) to facilitate communication and collaboration among the AZ TRT community



# Final Q&A

## Additional Questions?

- If you have questions after the presentation, you may post them at [www.assess4ed.net](http://www.assess4ed.net) in the AZ area. (You will need a login and password.)

## Resource for additional support:

PARCC Technology Readiness website

<http://www.azed.gov/standards-development-assessment/parcc-assessment/technology-requirements-for-assessment/>

- Webinar recording and the PowerPoint presentation will be on this page.
- For questions and support, email

[parcc@azed.gov](mailto:parcc@azed.gov)



You will receive a link to an online evaluation survey and the link to the recording within 48 hours!

**WE ARE ALL IN THIS  
TOGETHER!**